

(REVISION#01) STATEMENT OF WORK
(SUPPLY and INSTALL JIB CRANE FOR PROJECT P-566, NAVAL BASE, GUAM)

1. Scope:

This order is to provide and install total of 6 units of wall bracket / column mount Jib Crane Equipment. Jib cranes shall be 26.7 kN (3 Ton) rated capacity, electric powered jib cranes, including Jib Hoist / Tight Wire Assembly (230 VAC, 3 PH; 3 Ton Capacity) and all required electrical accessories connecting from the electrical panel to the Jib Crane Equipment. The Contractor (KTR) shall provide electrical infrastructure and structural retrofit to existing building structure to support jib crane equipment. One (1) Jib Crane is to be provided and installed in the Ship Services Shop of the P-566 Ship Support Building (SSB), two (2) Jib Cranes are to be provided and installed in the R-1 Shipfitter/Welding Shop, two (2) Jib Cranes are to be provided and installed in the R-2 Inside/Outside Machine Shop, and one (1) Jib Crane is to be provided and installed in the R-4 Elec/Electronic Shop of the P-566 Emergent Repair Facility (ERF).

The KTR shall provide all necessary labor, material transportation, supervision, equipment, engineering design services, and incidental work required to complete this project. Other incidental work required includes any and all items considerations necessary to ensure a complete and usable final product including, but not limited to the necessary construction considerations not specifically stated elsewhere in this statement of work. Complete and usable final product means that the completed final products are finished throughout and can be used to fully satisfy the manufacturer's and project requirements, as well as intended purpose of the project.

1.1 DESIGN AND CONSTRUCTION REQUIREMENTS

The Crane Equipment must meet and made ready for use in accordance with **ASME B30.11**, CMAA 70, CMAA 74, MMA MH27.1, UFC 3-320-07N, NAVCRANECENINST 11450.2, NAVFAC P-307, NAVFAC P-309, Specification Section 41 22 13.19 DRAFT, the reference standards, and building codes.

The Crane Equipment must satisfy the Testing and Certification Requirements to the satisfaction of the user activity designated weight handling certifying official. The KTR requires coordinating witness testing with the Construction Management Engineer and the user activity designated weight handling certifying official.

The KTR shall be responsible to verify all existing site conditions, dimensions and other requirements necessary to complete the project. Any adjustments to suit field conditions shall be made without the additional cost to the Government including the restoration of damages borne by the KTR in the performance of this contract. KTR shall be responsible for proper handling and disposal of all materials removed and/or demolished from construction site.

The KTR shall ensure that all required permits are obtained before construction begins. KTR must abide by Occupational Safety and Health Act (OSHA) and EM385-1-1.

1.2 SUBMITTALS

Product data sheet shall be provided to the Government for acceptance prior to procurement. It includes catalog cuts in addition to the UFGS sections for all major components. Mark and highlight all catalog cuts to identify all the specific components that are applicable to the project.

Provide installation schedule in accordance with the proposed scope.

Wire rope (Jib Hoist) certificate shall be provided to show the minimum breaking strength and the actual breaking strength.

1.3 SAFETY REQUIREMENTS

The KTR shall meet all safety requirements in accordance with EM385-1-1.

2. Product Description / Specifications:

Crane equipment from approved Small Capacity WHEMAC contractors

Location: Room S129, SSB

Quantity: 1 Set (3 Ton rated Capacity, 20 feet span)

One unit of Wall Bracket / Column Mount Jib Crane

- Designed and installed in compliance with all Navy Crane Center instructions as shown at http://www.navfac.navy.mil/navfac_worldwide/specialty_centers/ncc.html especially [NAVCRANECENINST 11450.2](#).
- Cantilever type jib crane with 200 degree manual rotation

- Maximum Boom Deflection of L/300
- 3 Ton Capacity.
- 20 Feet Span
- 17'-2" clear space
- Support Brackets Centers – 9'-6"
- Flange Width – 8-1/4" to 9"
- Beam Size – W21 x 68#
- Thrust / Pull – 24037#
- Finishes: Manufacturer's Standard Finishes

One unit of Jib Hoist / Tight Wire Assembly

- Electric wire rope jib hoist Ultra-Low Headroom Trolley Hoist RHN Series
- Ultra-Low Headroom models feature capacities from 2 to 15 metric ton
- Available in single or dual speeds
- Dual Braking for powered hoists
- Dual Upper Limit Switches, and overload limiters
- Equipped with a heavy-duty fan cooled motor
- Premium wire rope is fatigue and wear resistant
- Trolley Type Motorized
- Lift Capacity 3 Ton
- Lift Height 20'
- Lift Speed 20/3.5 ft/min
- Electrification Type: 230VAC, 3 PH, 60 Hz
- Hoist Control: 8' pendant cord drop
- Control: With 6 button NEMA 4 Pendant
- 30' power supply cord
- Finishes: Manufacturer's Standard Finishes

Location: Room R-1, ERF

Quantity: 1 Set (3 Ton rated Capacity, 20 feet span)

One unit of Wall Bracket / Column Mount Jib Crane

- Designed and installed in compliance with all Navy Crane Center instructions as shown at http://www.navfac.navy.mil/navfac_worldwide/specialty_centers/ncc.html especially NAVCRANECENINST 11450.2.
- Cantilever type jib crane with 200 degree manual rotation
- Maximum Boom Deflection of L/300
- 3 Ton Capacity.
- 20 Feet Span
- 17'-2" clear space
- Support Brackets Centers – 9'-6"
- Flange Width – 8-1/4" to 9"
- Beam Size – W21 x 68#
- Thrust / Pull – 24037#
- Finishes: Manufacturer's Standard Finishes

One unit of Jib Hoist / Tight Wire Assembly

- Electric wire rope jib hoist Ultra-Low Headroom Trolley Hoist RHN Series
- Ultra-Low Headroom models feature capacities from 2 to 15 metric ton
- Available in single or dual speeds
- Dual Braking for powered hoists
- Dual Upper Limit Switches, and overload limiters
- Equipped with a heavy-duty fan cooled motor
- Premium wire rope is fatigue and wear resistant
- Trolley Type Motorized
- Lift Capacity 3 Ton
- Lift Height 20'
- Lift Speed 20/3.5 ft/min
- Electrification Type: 230VAC, 3 PH, 60 Hz
- Hoist Control: 8' pendant cord drop
- Control: With 6 button NEMA 4 Pendant
- 30' power supply cord
- Finishes: Manufacturer's Standard Finishes

Location: Room R-1, ERF

Quantity: 1 Set (3 Ton rated Capacity, 16 feet span)

One unit of Wall Bracket / Column Mount Jib Crane

- Designed and installed in compliance with all Navy Crane Center instructions as shown at http://www.navfac.navy.mil/navfac_worldwide/specialty_centers/ncc.html especially NAVCRANECENINST 11450.2.
- Cantilever type jib crane with 200 degree manual rotation
- Maximum Boom Deflection of L/300
- 3 Ton Capacity.
- 16 Feet Span
- 13'-4" clear space
- Support Brackets Centers – 6'-0" to 6'-6"
- Flange Width – 7-1/2"
- Beam Size – W18 x 55#
- Thrust / Pull – 23649#
- Finishes: Manufacturer's Standard Finishes

One unit of Jib Hoist / Tight Wire Assembly

- Electric wire rope jib hoist Ultra-Low Headroom Trolley Hoist RHN Series
- Ultra-Low Headroom models feature capacities from 2 to 15 metric ton
- Available in single or dual speeds
- Dual Braking for powered hoists
- Dual Upper Limit Switches, and overload limiters
- Equipped with a heavy-duty fan cooled motor
- Premium wire rope is fatigue and wear resistant
- Trolley Type Motorized
- Lift Capacity 3 Ton
- Lift Height 20'
- Lift Speed 20/3.5 ft/min

- Electrification Type: 230VAC, 3 PH, 60 Hz
- Hoist Control: 8' pendant cord drop
- Control: With 6 button NEMA 4 Pendant
- 30' power supply cord
- Finishes: Manufacturer's Standard Finishes

Location: Room R-2, ERF

Quantity: 2 Sets (3 Ton rated Capacity, 18 feet span)

Two unit of Wall Bracket / Column Mount Jib Crane

- Designed and installed in compliance with all Navy Crane Center instructions as shown at http://www.navfac.navy.mil/navfac_worldwide/specialty_centers/ncc.html especially NAVCRANECENINST 11450.2.
- Cantilever type jib crane with 200 degree manual rotation
- Maximum Boom Deflection of L/300
- 3 Ton Capacity.
- 18 Feet Span
- 15'-2" clear space
- Support Brackets Centers – 6'-0" to 7'-6"
- Flange Width – 8-1/4" to 9"
- Beam Size – W21 x 68#
- Thrust / Pull – 23970#
- Finishes: Manufacturer's Standard Finishes

Two unit of Jib Hoist / Tight Wire Assembly

- Electric wire rope jib hoist Ultra-Low Headroom Trolley Hoist RHN Series
- Ultra-Low Headroom models feature capacities from 2 to 15 metric ton
- Available in single or dual speeds
- Dual Braking for powered hoists
- Dual Upper Limit Switches, and overload limiters
- Equipped with a heavy-duty fan cooled motor
- Premium wire rope is fatigue and wear resistant
- Trolley Type Motorized
- Lift Capacity 3 Ton
- Lift Height 20'
- Lift Speed 20/3.5 ft/min
- Electrification Type: 230VAC, 3 PH, 60 Hz
- Hoist Control: 8' pendant cord drop
- Control: With 6 button NEMA 4 Pendant
- 30' power supply cord
- Finishes: Manufacturer's Standard Finishes

Location: Room R-4, ERF

Quantity: 1 Set (3 Ton rated Capacity, 18 feet span)

One unit of Wall Bracket / Column Mount Jib Crane

- Designed and installed in compliance with all Navy Crane Center instructions as shown at

http://www.navfac.navy.mil/navfac_worldwide/specialty_centers/ncc.html especially NAVCRANECENINST 11450.2.

- Cantilever type jib crane with 200 degree manual rotation
- Maximum Boom Deflection of L/300
- 3 Ton Capacity.
- 18 Feet Span
- 15'-2" clear space
- Support Brackets Centers – 6'-0" to 7'-6"
- Flange Width – 8-1/4" to 9"
- Beam Size – W21 x 68#
- Thrust / Pull – 23970#
- Finishes: Manufacturer's Standard Finishes

One unit of Jib Hoist / Tight Wire Assembly

- Electric wire rope jib hoist Ultra-Low Headroom Trolley Hoist RHN Series
- Ultra-Low Headroom models feature capacities from 2 to 15 metric ton
- Available in single or dual speeds
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- Equipped with a heavy-duty fan cooled motor
- Premium wire rope is fatigue and wear resistant
- Trolley Type Motorized
- Lift Capacity 3 Ton
- Lift Height 20'
- Lift Speed 20/3.5 ft/min
- Electrification Type: 230VAC, 3 PH, 60 Hz
- Hoist Control: 8' pendant cord drop
- Control: With 6 button NEMA 4 Pendant
- 30' power supply cord

Finishes: Manufacturer's Standard Finishes

Photos and Building Floor Plan are provided for reference only.

3. Delivery Date/Location:

Required Delivery / Completion Date: 29 FEB 2016

Place of Delivery: Naval Base Guam Polaris Point, New Construction Building, P-566, Ship Support Building (SSB) and Emergent Repair Facility (ERF)

4. Other Pertinent Information or Special Considerations:

(Include any special considerations or unique requirements necessary to accomplish the order [e.g., standards, classifications, or regulations that must be met] and/or any additional

information that will be helpful in determining cost estimates for the Contracting Officer. As appropriate, this section may contain:)

a. Packaging, Packing and Shipping Instructions.

b. Inspection and Acceptance Criteria.

In the absence of other agreements negotiated with respect to time provided for government review, deliverables will be inspected and the contractor notified of the Program POC's findings within 10 work days of the submission of the deliverable by the contractor. The project manager is responsible for the final inspection and acceptance of all deliverables under this delivery order.

e. Data Rights. Do you require data rights to deliverables?

f. Warranty: 12 months from BOD